

FIG. 2A

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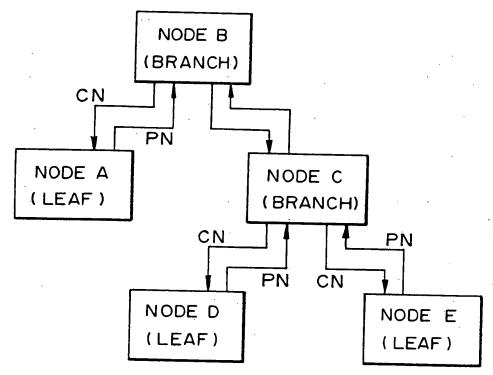


FIG. 2B

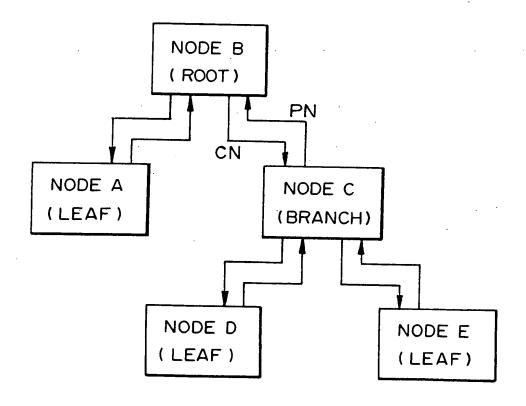
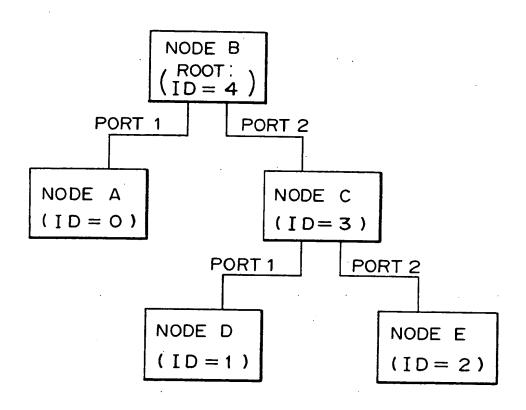


FIG. 3



The first term of the first te



FIG. 4A

SELF-ID PACKET #0

	b.31										b .0)
0	10	PHY_ID	OL	gap_cnt	sp	del C	pwr	р0	p1	p2	i n	n
1	INVERSION OF FIRST 32 BITS											

FIG. 4B

SELF-ID PACKETS #1, #2, #3

	b.31													b.0
0	10	PHY_ID	1	n	rsv	ра	pb	рс	pd	ре	pf	pg	ph	r m
1	INVERSION OF FIRST 32 BITS													

FIG. 4C

LINK-ON PACKET

	b.31							Ь.0
0	01	PHY_ID	0000	0000	0000	0000	0000	0000
1	INVERSION OF FIRST 32 BITS							

FIG. 4D

PHY CONFIGURATION PACKET

	b.31							b.0
0	00	PHY_ID	RT	gap_cnt	0000	0000	0000	0000
1	INVERSION OF FIRST 32 BITS							

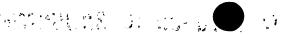
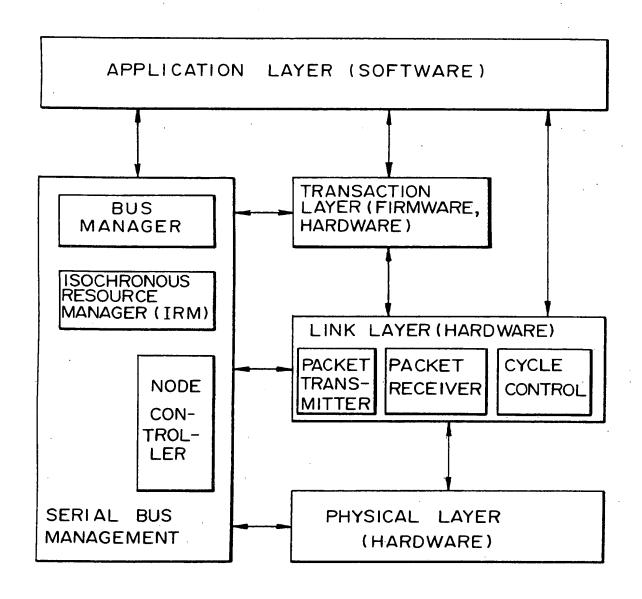


FIG. 5



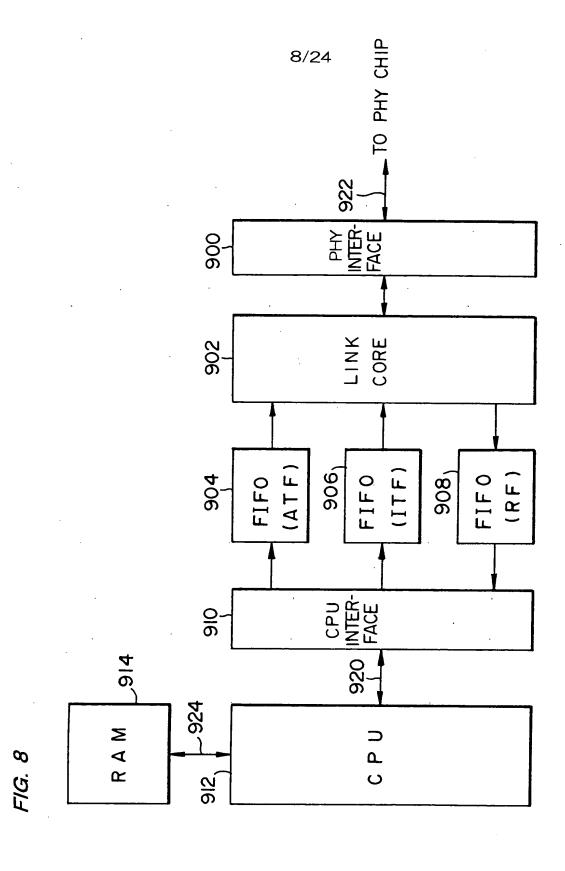
H. H. King, and and Son Same King II H. Hourt trad U H H D chan H L.P H H W

FIG. 7

MEMORY MAP

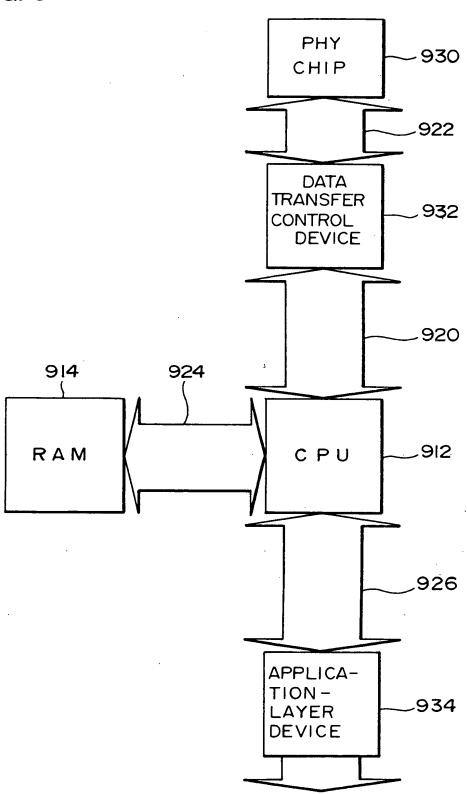
HEADER AREA

DATA AREA



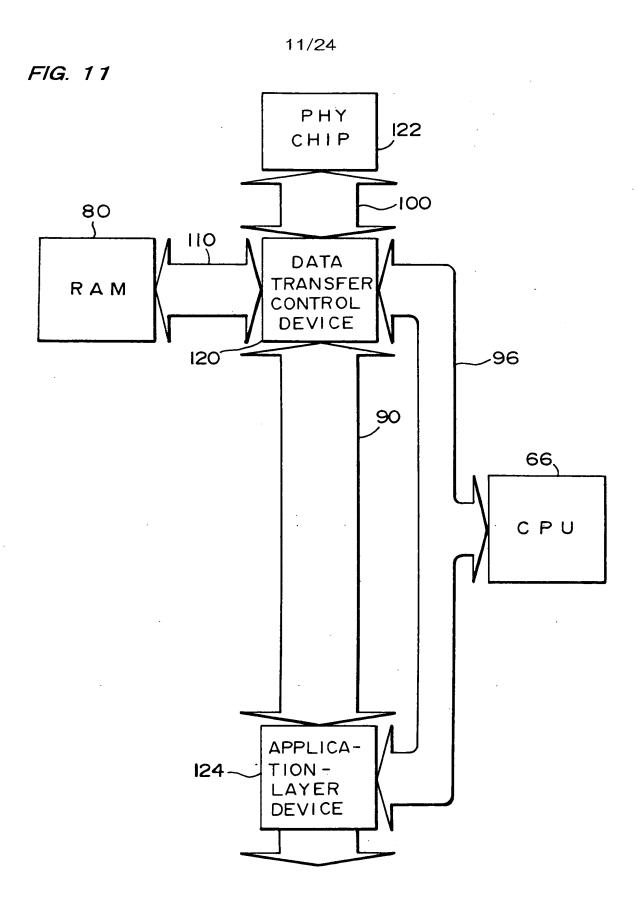
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FIG. 9



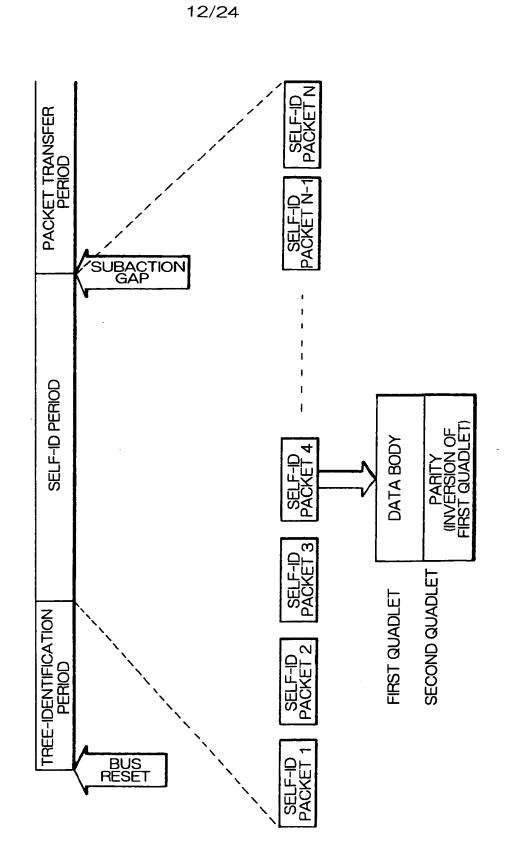
10/24 FIG. 10 PHY 930 CHIP 922 DATA **TRANSFER** CONTROL DEVICE 932 928 914 912 RAM CPU APPLICA-TION-934 LAYER **DEVICE**

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FIG. 13A

COMPARATIVE EXAMPLE

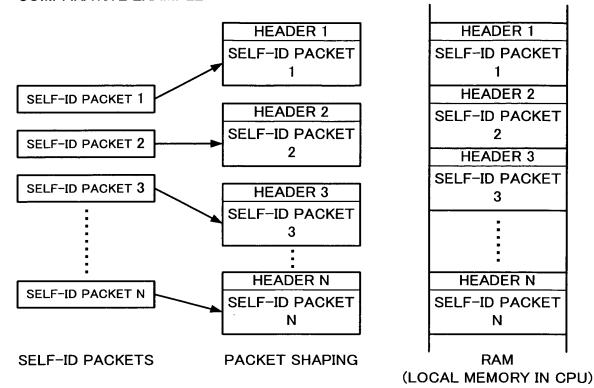
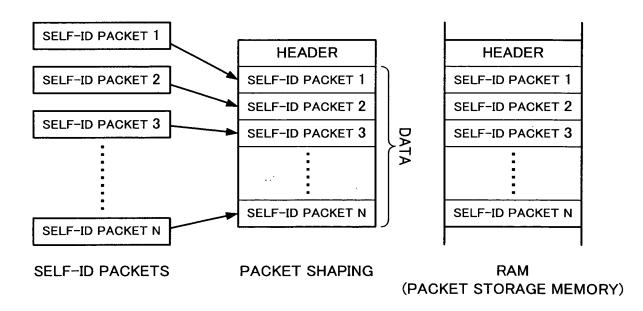


FIG. 13B

THIS EMBODIMENT OF THE PRESENT INVENTION



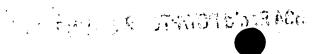


FIG. 14A

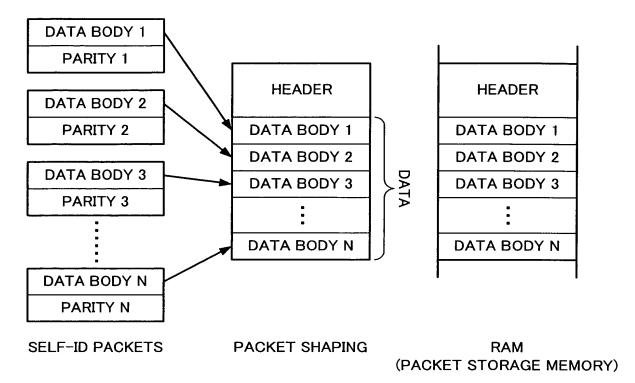


FIG. 14B

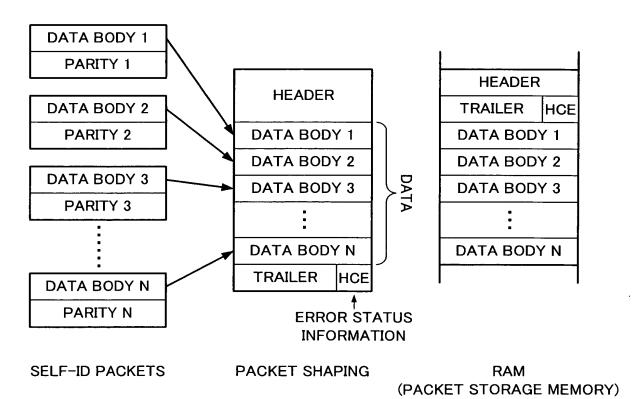




FIG. 15A

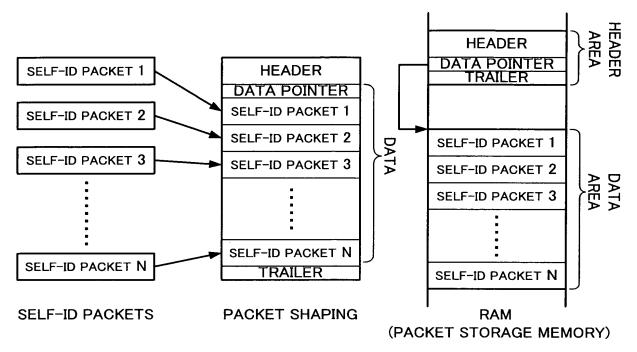


FIG. 15B

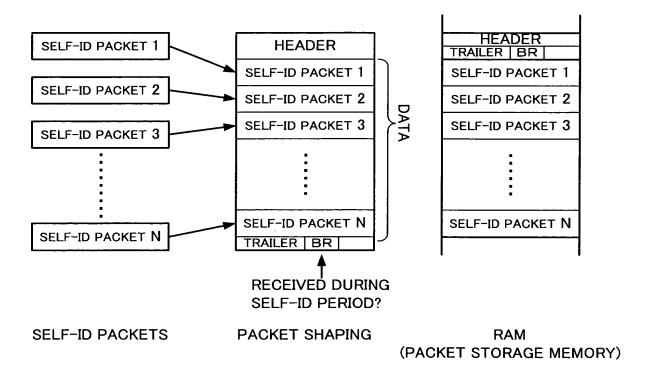
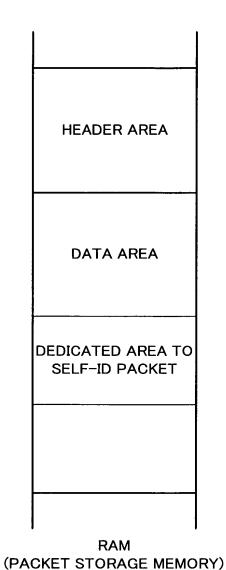
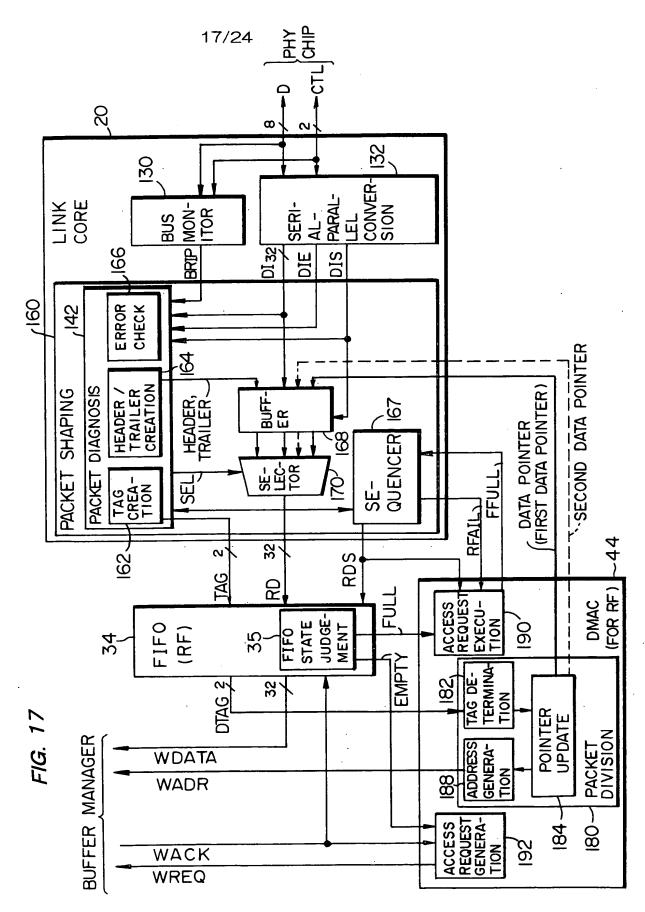


FIG. 16



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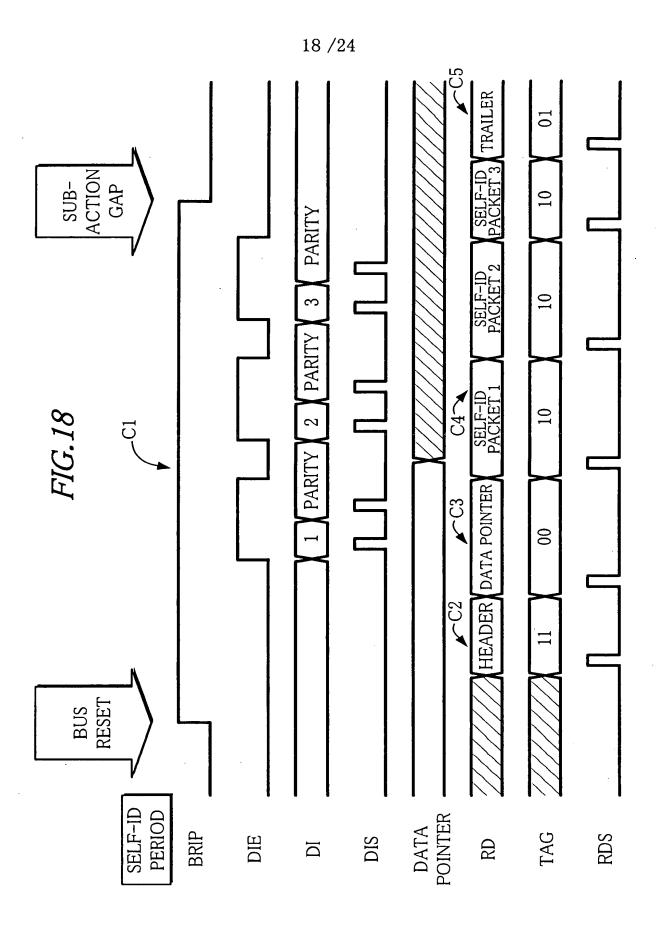


FIG. 19A

FIG. 19B

CTL WHILE PHY CHIP DRIVES

CTL	NAME
0 0	IDLE
0 1	STATUS
10	RECEIVE
1 1	GRANT

FIG. 19C

STATUS BITS

BIT	NAME		
0	ARBITRATION RESET GAP		
1	SUBACTION GAP		
2	BUS RESET		
3	PHY INTERRUPT		
4 TO 7	ADDRESS		
8 TO 15	DATA		

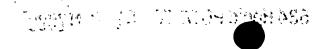




FIG. 20A

RxAsynchronousBusResetPacket

(tcode:0xE)

	b.31						b.0
0	reserve	ed	reserved	tco	ode	4'1	ո0
1		Da	ataPointer	•			
2	Datalen	gth		BR	ВС	HCE	ACK
				1'h1			

FIG. 20B

RxAsynchronousPhyPacket Nomal

(tcode:0xE)

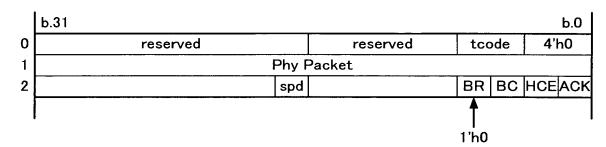
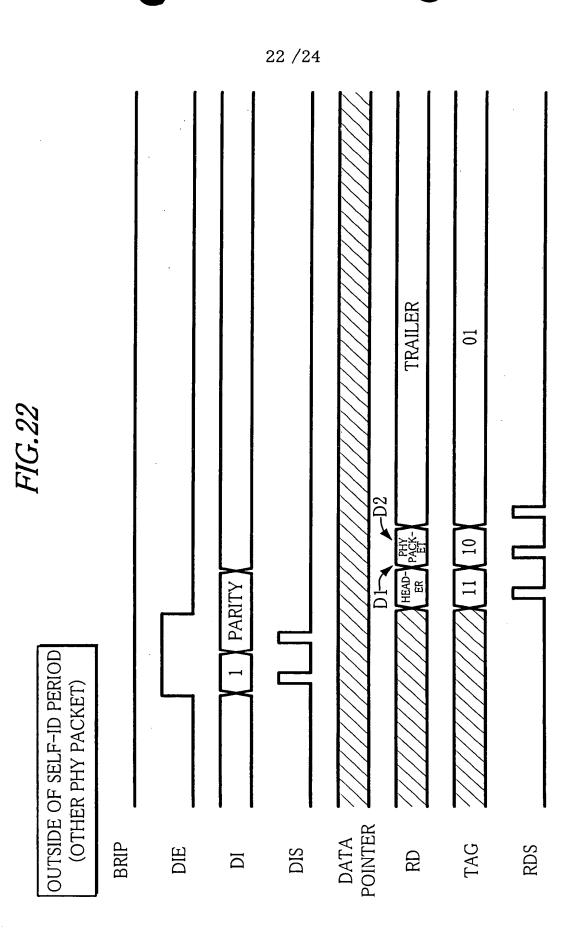
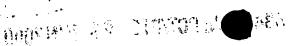


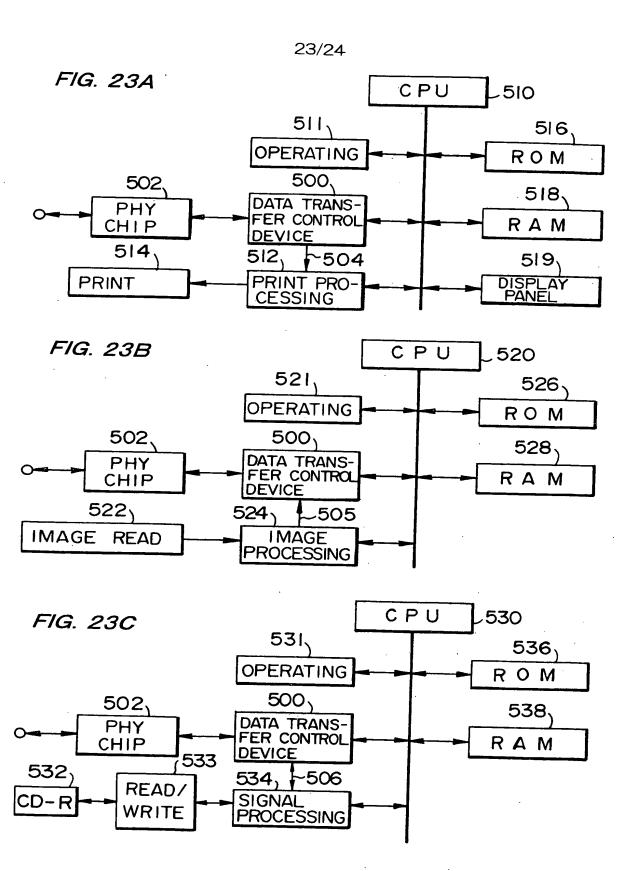
FIG. 21

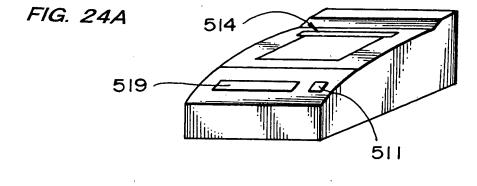
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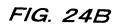
TAG (DTAG)	MEANING
00	HEADER
01	TRAILER
10	DATA
1 1	START











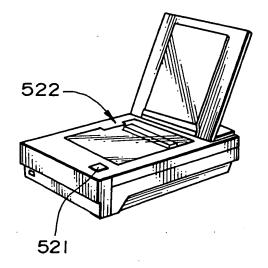
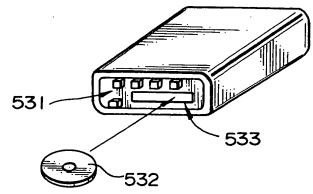


FIG. 24C



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